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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,728	01/09/2002	Paul M. Austen	748-58343	6472

7590

09/11/2003

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EXAMINER

MCHENRY, KEVIN L

ART UNIT

PAPER NUMBER

1725

DATE MAILED: 09/11/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Interview Summary

Application No.

10/043,728

Applicant(s)

AUSTEN ET AL.

Examiner

Kevin L McHenry

Art Unit

1725

All participants (applicant, applicant's representative, PTO personnel):

(1) Kevin L McHenry, examiner.

(3) _____.

(2) Jeff Haendler, applicant's representative.

(4) _____.

Date of Interview: 03 September 2003.

Type: a) ☒ Telephonic b) ☐ Video Conference

c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: _____.

Claim(s) discussed: 24 and 28.

Identification of prior art discussed: Kazmierowicz, "The Science Behind Conveyor Oven Thermal Profiling".

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's representative argued that Kazmierowicz did not teach a computer that generated an oven target profile from an ideal temperature profile for a solder paste since Kazmierowicz taught that the initial setup of an oven was based upon an operator's best guess and then subsequent adjustments were based upon temperature data points. The examiner agreed that Kazmierowicz did not teach a means that based its calculations upon an ideal temperature profile since an operator's best guess could not be considered an ideal temperature profile. However, the examiner noted that the present language of claim 24 did not limit the structure of the apparatus to a means that generated a target profile from an ideal temperature profile for a solder paste but rather a means that was capable of this function; the limitations regarding the profiles did not further limit the structure of the apparatus. The examiner suggested that claim 24 be amended so that it cited that the ideal temperature profile for the solder paste is on computer memory or storage so that the structure of the apparatus was further limited by this ideal profile citation. Applicant's representative indicated that they would make such an amendment. The examiner also indicated that the automation step of claim 27 (for automating the set points of the oven) did not likely present an inventive step over prior art. For instance, such a limitation regards the automation of a step that is done manually by Kazmierowicz..

John M. Henry